



FACT SHEET: FIRST LIGHT SOLAR PARK

1. What is First Light?

- The largest solar photovoltaic facility to break ground in North America, First Light is a 19 megawatt solar project that will generate enough clean energy to power 2,000 homes annually in the community and displace 20,665¹ metric tonnes of carbon emissions emitted each year from gas- and coal-fired plants.
- The greenfield solar facility is being built on approximately 300 acres of land in Lennox and Addington County, Ontario, almost mid-way between Ottawa and Toronto.
- First Light broke ground on April 21, 2008 and is scheduled for full completion in late 2009.
- The first phase of the project will be a 9 MW capacity system. An additional 10 MW capacity will be supplied under Phase II.
- The project is a joint venture between SunEdison Canada and Skypower Corp. The partners have two Standard Offer Contracts with the Ontario Power Authority at a fixed off-take rate for a 20-year period.

2. What are the benefits to Ontarians?

- First Light will supply solar power to the grid helping Ontario reach its 2025 renewable energy targets.
- The facility will reduce yearly carbon emissions by an amount equal to what is produced by approximately 4,200 cars and light trucks each driving 19,312 kilometers (12,000 miles) per year.
- Power generated at First Light will be distributed through the Hydro One utility, providing clean energy to customers locally in the Township of Stone Mills with no upfront costs to taxpayers.
- The project will result in job and tourism development opportunities for the County of Lennox and Addington and the Township of Stone Mills which are hosting the facility.

¹ Environmental equivalence calculations sourced from RETScreen International, Natural Resources Canada.
www.retscreen.net.

3. What is the technology that will be used at First Light?

- First Light will be constructed using standard flat panel photovoltaic technology already in extensive use around the world. A total of more than 200,000 solar panels covering 150 acres of the 300-acre land in the Township of Stone Mills.
- Photovoltaics (PV) – also referred to as “solar electricity” or “solar PV” – is the generation of electricity using the direct conversion of light into electricity. This technology removes significant amounts of carbon monoxide and carbon values out of the environment.

4. How large is the solar power industry in Canada?

- Solar PV is among the fastest growing energy sources in the world. Already common in Europe, solar PV farms have recently experienced broader adoption in North America as a needed and valuable alternative energy source.
- Canada, and Ontario in particular, is a strong and developing market. Ontario has a better solar resource than the solar leading countries such as Germany and Japan.

5. Who are the First Light partners?

- The partners already have several solar power projects in development in Thunder Bay and Norfolk Country, Ontario. A wholly-owned subsidiary of Sun Edison will construct the facility under its unique Solar Power Services Agreement (SPSA) turn-key service model.
- *SunEdison Canada* is a subsidiary of Sun Edison LLC, North America’s largest solar energy services provider. SunEdison provides solar-generated energy at or below current retail utility rates to a broad and diverse client base of commercial, municipal and utility customers. Under its Solar Power Services Agreement (SPSA) turn-key service model, SunEdison finances, installs, owns and operates photovoltaic power plants for utilities, government agencies, and commercial enterprises. For more information about SunEdison, please visit www.sunedison.com. The company headquarters is in Beltsville, Maryland.
- *SkyPower Corp.*, a Lehman Brothers Company, is one of Canada's leading independent renewable energy developers with interests in over 100 wind and solar projects at various stages of development across 12 provinces/states, representing more than 8,000 MW of potential capacity. SkyPower also has wind energy under development in India and Hydro projects under development in Panama. For more information about SkyPower, please visit www.skypower.com.

For SunEdison:
Robert Merrick
416 413-4602
robert.merrick@hillandknowlton.ca

For SkyPower:
Aaron Peters
416 979-4625
aaronp@skypower.com